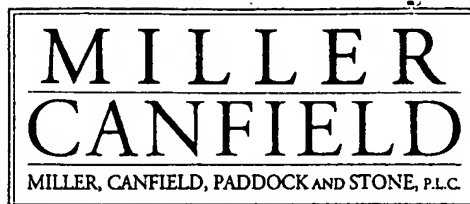


JCO6 Rec'd PCT/PTO 29 AUG 2005

Founded in 1852
by Sidney Davy Miller



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JONATHAN P. O'BRIEN PH.D.
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FAX: (269) 382-0244
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August 29, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**Re: Inventors: Wen-Cherng Lee; Lihong Sun; Feng Shan; Claudio Chuaqui;
Zhongli Zheng; and Russell C. Petter
Express Mail No.: ER 812270497 US
Application No.: 10/510,459
Title: TRI-SUBSTITUTED HETEROARYLS AND METHODS OF
MAKING AND USING THE SAME**

Dear Sir:

09/02/2005 ATRAN1 00000122 10510459

01 FC:1617
02 FC:1206

130.00 OP
1028.00 OP

Enclosed for filing please find:

- 1) Transmittal Form (PTO/SB/21);
- 2) Fee Transmittal Form (PTO/SB/17) and check in the amount of \$1,158.00;
- 3) Declaration and Power of Attorney (two sheets);
- 4) A copy of the Notification of Missing Requirements Under 35 U.S.C. 371, and

Adjustment date: 09/02/2005 ATRAN1 00000122 10510459
02 FC:1206 -1028.00 OP

5) Certificate of Filing by Express Mail.

We are also enclosing a post card receipt which we ask that you return to us acknowledging the date of receipt.

Repln. Ref: 12/12/2005 CBUR11 0021301400
DAH:022327 Name/Number:10510459
FC: 9204 \$1028.00 OP

The filing deadline for responding to the Notification of Missing Requirements is August 27, 2005. As this date falls on a Saturday, under 37 CFR § 1.7 the filing deadline is extended to Monday, August 29, 2005.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

1

Application Number

10/510,459

10/510459

Filing Date

April 4, 2003

First Named Inventor

Wen-Cherng Lee

Art Unit

Examiner Name

Attorney Docket Number

A 158 US

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

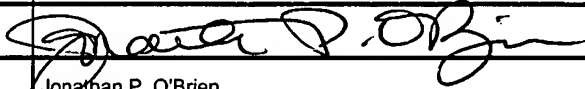
Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Miller, Canfield, Paddock and Stone

Signature



Printed name

Jonathan P. O'Brien

Date

August 29, 2005

Reg. No.

50,852

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Date

August , 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

-2-

August 29, 2005

Very truly yours,

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By:



Jonathan P. O'Brien Ph.D.

Reg. No.: 50,852

JPO/kah

Enclosures

cc. Biogen Idec MA Inc. w/enclosures

KZLIB:489349.1\124269-00073

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,158.00**Complete if Known**

Application Number	10/510,459
Filing Date	April 4, 2003
First Named Inventor	Wen-Cherng Lee
Examiner Name	
Art Unit	
Attorney Docket No.	A 158 US

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☐ Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)


Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Reply to Notification of Missing Requirements

Fees Paid (\$)

1,158.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 50,852	Telephone 269-383-5833
Name (Print/Type)	Jonathan P. O'Brien	Date August 29, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO. 10/510,459	FIRST NAMED APPLICANT Wen-Cheng Lee	ATTY. DOCKET NO. A158 US
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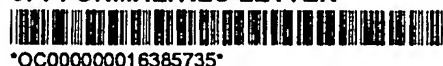
INTERNATIONAL APPLICATION NO. PCT/US03/10440

I.A. FILING DATE 04/04/2003	PRIORITY DATE 04/04/2002
--------------------------------	-----------------------------

Biogen Idec Inc
 14 Cambridge Center
 Cambridge, MA 02142

CONFIRMATION NO. 2278

371 FORMALITIES LETTER



OC000000016385735

Date Mailed: 06/27/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/04/2004
- Copy of the International Search Report filed on 10/04/2004
- Preliminary Amendments filed on 10/04/2004
- U.S. Basic National Fees filed on 10/04/2004
- Priority Documents filed on 10/04/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$1158 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

REMINDER
ACTION DUE 8/27/05
END OF STAT 1/27/06

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

ENTERED

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/510,459	PCT/US03/10440	A158 US

FORM PCT/DO/EO/905 (371 Formalities Notice)

CERTIFICATE OF FILING BY EXPRESS MAIL UNDER 37 CFR 1.10

This is to certify that the following documents were mailed by U.S. Postal Service Express Mail, Reference No. ER 812270497 US to Mail Stop PCT Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 29, 2005.

- 1) Fee Transmittal Form (PTO/SB/17) and check in the amount of \$1,158.00;
- 2) Transmittal Form (PTO/SB/21);
- 3) Declaration and Power of Attorney (two sheets); and
- 4) A copy of the Notification of Missing Requirements Under 35 U.S.C. 371.

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By: _____

Natasha Hogg